

What Is Claimed Is:

1. A differential drive comprising:
a drive housing in which a differential carrier (14) is rotatably supported around its longitudinal axis (A);
sideshaft gears (18, 19) which are supported so as to be
5 rotatable around said longitudinal axis (A) relative to the differential carrier (14); and
differential gears (22) which are supported in the differential carrier rotatably around axes (R) extending radially relative to the longitudinal axis (A), said differential gears (22) engaging the sideshaft
10 gears (18, 19) and rotating together with the differential carrier (14),
wherein the differential carrier (14) forms journals (16, 17) which extend co-axially relative to the longitudinal axis (A) and by means of which the differential carrier (14) is rotatably supported in the sideshaft gears (18, 19) and wherein the sideshaft gears (13, 19) are rotatably
15 supported in the drive housing (11).
2. A drive according to claim 1, wherein the sideshaft gears (18, 19) are supported by rolling contact bearings (12, 13) in the drive housing (11)
3. A drive according to one of claim 1, wherein the
20 regions of tooth engagement between the sideshaft gears (18, 19) and the differential gears (22) are located outside the differential carrier (14)
4. A drive according to claim 1, wherein the journals (16, 17) are coaxial hollow journals integrally connected to one another.

5. A drive according to claim 1, wherein the differential gears (22) are inserted into axial broken-out regions (41) in a radial disc member (15), said radial disc member forming a ring gear (38) in the differential carrier (14).

5 6. A drive according to claim 1, wherein the differential gears (22) are inserted into axial broken-out regions (41) in a radial disc member (15), said radial disc member adapted to secure a ring gear (38) in the differential carrier (14).

7. A drive according to claim 1, wherein the side shaft
10 gears (18, 19) are directly connected to outer joint parts (30, 31) of constant velocity joints.

8. A drive according to claim 7, wherein rolling contact bearings (12, 13) are axially fitted between the sideshaft gears (18, 19) and the outer joint parts (30, 31).

15 9. A drive according to claim 7, wherein pre-assembled modules each consisting of a sideshaft gear (18, 19), an outer joint part (30, 31) of a constant velocity joint and a rolling contact bearing (12, 13) are insertable into the drive housing (11).

10. A drive according to claim 7, wherein the sideshaft
20 gears (18, 19) are each welded to one of the outer joint parts (30, 31).

11. A drive according to claim 7, wherein the outer bearing races (12_A, 13_A) of the angular contact bearings (12, 13) have an inner

diameter greater than the outer diameter of the outer joint parts (30, 31), so as to be axially slipped over the outer joint parts (30, 31).

12. A drive according to claim 2, wherein the rolling contact bearings (12, 13) are angular contact roller bearings.

5 13. A drive according to claim 1, wherein the differential carrier (14) is supported by friction bearings (20, 21) in the sideshaft gears (18, 19)

14. A drive according to claim 2, wherein effective lines (L₁₂, L₁₃) of load of the rolling contact bearings (12, 13) pass through the
10 bearing regions of the differential carrier (14) in the sideshaft gears approximately axially centrally.

15. A drive according to claim 13, wherein the friction bearings (20, 21) comprise friction sleeves.

16. A drive according to claim 13, wherein the friction
15 bearings (20, 21) comprise a plurality of needle bearings.

17. A drive according to claim 1, wherein the journals (16, 17) are hollow.